
MUSEUM OF SCIENCE (TM)

Release 3.1a John F. Collins, Biocomputing Research Unit.
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MSPrchLn n.a. - n.a. database search, using Smith-Waterman algorithm
Run on: Fri Jan 14 10:32:13 2000; MasPar time 73.33 Seconds
Tabular output not generated. 1179.143 Million cell updates/sec

Title: >US-08-978-217-15
Description: (5401-6400) from US08978217.seq (7 of 10)
Perfect Score: 1000
N.A. Sequence: 5401 ACGGTACCTCTAGAGGCTG.....CGTGGCCCACTCTGGGCC 6400
Comp: TGCCATTCGAGATTCGCCGAC.....GCACCGGGTTCAGACCCCGG

Scoring table: TABLE default
Gap 6

Mismatch STD : Dbase 0; Query 0

Searched: 165362 seqs, 43234748 bases x 2

Post-processing: Minimum Match 0%
Listing first 45 summaries

Database: n-issued
1:5A_COMB 2:5B_COMB 3:5C_COMB 4:PCT9_COMB 5:backfiles1

Statistics: Mean 8.538; Variance 4.198; Scale 2.034

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB	ID	Description	Pred. No.
1	107	10.7	1920	3	US-08-746-	Sequence 1, Applicati	3.45e-65
2	69	6.9	7218	2	US-08-232-	Sequence 14, Applicati	1.00e-34
3	37	3.7	965	2	US-08-388-	Sequence 22, Applicati	7.69e-11
4	35	3.5	215	1	US-08-238-	Sequence 5, Applicati	1.84e-09
5	34	3.4	965	3	US-08-388-	Sequence 22, Applicati	8.81e-09
6	30	3.0	215	1	US-08-238-	Sequence 5, Applicati	4.03e-06
7	30	3.0	7218	2	US-08-232-	Sequence 14, Applicati	4.03e-06
8	25	2.5	81	4	PCT-US95-1	Sequence 98, Applicati	5.71e-03
9	25	2.5	81	4	PCT-US95-1	Sequence 92, Applicati	5.71e-03
10	25	2.5	242	1	US-08-273-	Sequence 1, Applicati	5.71e-03
11	24	2.4	74	4	PCT-US95-1	Sequence 100, Applicat	2.28e-02
12	24	2.4	74	4	PCT-US95-1	Sequence 94, Applicati	2.28e-02
13	24	2.4	242	1	US-08-273-	Sequence 1, Applicati	2.28e-02
14	23	2.3	56	4	PCT-US95-1	Sequence 87, Applicati	8.86e-02
15	23	2.3	69	4	US-08-471-	Sequence 142, Applicat	8.86e-02
16	23	2.3	74	4	PCT-US95-1	Sequence 94, Applicati	8.86e-02
17	23	2.3	74	4	PCT-US95-1	Sequence 100, Applicat	8.86e-02
18	23	2.3	75	4	PCT-US95-1	Sequence 99, Applicati	8.86e-02
19	23	2.3	81	4	PCT-US95-1	Sequence 98, Applicati	8.86e-02
20	23	2.3	81	4	PCT-US95-1	Sequence 92, Applicati	8.86e-02

21	23	2.3	82	4	PCT-US95-1	Sequence 97, Applicati	8.86e-02
22	23	2.3	82	4	PCT-US95-1	Sequence 97, Applicati	8.86e-02
23	23	2.3	9515	3	US-08-920-	Sequence 13, Applicati	8.86e-02
24	23	2.3	9515	3	US-08-920-	Sequence 13, Applicati	8.86e-02
25	23	2.3	9515	3	US-08-362-	Sequence 13, Applicati	8.86e-02
26	23	2.3	9515	3	US-08-920-	Sequence 13, Applicati	8.86e-02
27	23	2.3	9515	3	US-08-921-	Sequence 13, Applicati	8.86e-02
28	22	2.2	66	1	US-08-471-	Sequence 144, Applicat	3.35e-01
29	22	2.2	66	1	US-08-471-	Sequence 144, Applicat	3.35e-01
30	22	2.2	69	1	US-08-471-	Sequence 142, Applicat	3.35e-01
31	22	2.2	75	4	PCT-US95-1	Sequence 99, Applicati	3.35e-01
32	22	2.2	774	4	PCT-US91-0	Sequence 1, Applicatio	3.35e-01
33	22	2.2	26700	2	US-08-488-	Sequence 5, Applicatio	3.35e-01
34	22	2.2	26700	2	US-08-472-	Sequence 1, Applicatio	3.35e-01
35	21	2.1	63	5	5213972-2	Patent No. 5213972.	1.23e+00
36	21	2.1	66	4	PCT-US95-1	Sequence 99, Applicati	1.23e+00
37	21	2.1	92	3	US-08-353-	Sequence 16, Applicati	1.23e+00
38	21	2.1	105	1	US-07-865-	Sequence 13, Applicati	1.23e+00
39	21	2.1	826	1	US-08-631-	Sequence 10, Applicati	1.23e+00
40	21	2.1	826	3	US-08-829-	Sequence 10, Applicati	1.23e+00
41	21	2.1	826	3	US-08-922-	Sequence 10, Applicati	1.23e+00
42	21	2.1	1426	3	US-08-714-	Sequence 6, Applicatio	1.23e+00
43	21	2.1	2040	3	US-08-829-	Sequence 7, Applicatio	1.23e+00
44	21	2.1	2040	3	US-08-922-	Sequence 7, Applicatio	1.23e+00
45	21	2.1	3060	3	US-08-714-	Sequence 26, Applicati	1.23e+00

ALIGNMENTS

RESULT 1
ID US-08-746-789A-1 STANDARD; DNA; UNC; 1920 BP.
AC xxxxxx
DE Sequence 1, Application US/08746789A
CC Sequence 1, Application US/08746789A
CC Patent No. 5789200
CC GENERAL INFORMATION:
CC APPLICANT: Ismail Kola, Martin J. Tyms, Christine Debouck
CC TITLE OF INVENTION: A No. 5789200el Human ETS Family Member, ELF3
CC NUMBER OF SEQUENCES: 4
CC CORRESPONDENCE ADDRESS:
CC ADDRESSEE: SmithKline Beecham Corporation
CC STREET: 709 Swedeland Road, P.O. Box 1539
CC CITY: King of Prussia
CC STATE: PA
CC COUNTRY: USA
CC ZIP: 19406-0939
CC COMPUTER READABLE FORM:
CC MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
CC OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
CC SOFTWARE: MICROSOFT WORD
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: US/08/746,789A
CC FILING DATE: No. 5789200el 15, 1996
CC CLASSIFICATION: 514
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER:
CC FILING DATE:
CC ATTORNEY/AGENT INFORMATION:
CC NAME: William T. Han
CC REGISTRATION NUMBER: 34,344
CC REFERENCE/DOCKET NUMBER: ATG 50024
CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: 610 270 5219
CC TELEFAX: 610 270 4026
CC INFORMATION FOR SEQ ID NO: 1:
CC SEQUENCE CHARACTERISTICS:
CC LENGTH: 1920
CC TYPE: Nucleic Acid
CC STRANDEDNESS: Single
CC TOPOLOGY: Linear
CC ANTI-SENSE: NO

US-08-978-217-15-07.rni

Best Local Similarity 14.58; Pred. No. 1.84e-09;
Matches 24; Conservative 66; Mismatches 75; Indels 0; Gaps 0;

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6  MSSSSVSSTASCNDKAKKXGNTTSSWTTDCNRTWGVCDTDTTYYRVNDSGHNFYSSAN 65
   :: :: :: :: :: :: :: :: :: :: :: :: :: :: :: :: :: :: :: :: :: ::
5930 AGCTGCCCTTAGCCTGAGGAGCACAAGAACACTTCCCGGAATTAAACAGTCCCCCTCGGA 5871

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66 YNCGNNVGAAKTHYITHTNVSGADSKTYVDSYNASGSSSSNGCTDGNRSADSYGSKT 125
: | : || : : | : : | : || : | : : | : : :
5870 CAAGAAGAAACGAGCCAGAGTGCATACGTGCAGCTCTGTCTATGCAAGAGCGCGC 58111

126 AMTSRNRTGKTANNAYDSRNMGDASVGS DKNTKHAKN SADGVK 170
| :: : | :: : : : | : :
5810 AGGCAAGACCTTTGGGGTGACCCTCCAGGTGGTTCAGAGCAGCTGG 5766

5
US-08-388-672A-22 STANDARD; DNA; UNC; 965 BP

Sequence 22, Application US/08388672A
Sequence 22, Application US/08388672A
Patent No. 5795961

GENERAL INFORMATION:
 APPLICANT: Wallace, T. Paul
 APPLICANT: Harris, William J.
 APPLICANT: Carr, Frank J.

APPLICANT: Oki, Eiyu S.
 APPLICANT: Welt, Sydney
 APPLICANT: Kitamura, Kunio
 TITLE OF INVENTION: Recombinant

NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: Felde and Lynch

CITY: New York
STATE: New York
COUNTRY: U.S.A.

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy c
COMPUTER: IBM PC comp

SOFTWARE: PatentIn Release #1.0, Version #1.300
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/388,672A
FILING DATE: 04 JUN 2005

CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Hanson, No. 5795961man D
REGISTRATION NUMBER: 30 045

REFERENCE/DOCKET NUMBER: LUD 5409
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-688-9200
TELEFAX: 212-838-3884

INFORMATION FOR SEQ ID NO: 22:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 965 base pairs
 TYPE: nucleic acid

SEQUENCE 965 BP: 192 A: 170 C: 226 G: 200 T: 177 OTHER
MOLECULE TYPE: DNA (genomic)
TOPOLOGY: unknown
SIRANDEDNESS: unknown

Query Match	3.4%;	Score 34;	DB 3;	Length 965;
Best Local Similarity	17.2%;	Pred. No. 8.81e-09;		
Matches 22;	Conservative	60;	Mismatches 45;	Indels 1;
			Gaps 1;	

80 AGCAATGACAGCAGACACCGCTTTTGTGAAGGGGCTCATGGTTCAGTGGGACCACTG 5963


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Db 1184 YYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY 1243
Cc 6125 TATAGTGGCTCTCTCTTCTCTGCGCCCAATAATGCAATGCGCTAGGCGGACTGCACAGAGC 6066
Db 1244 YYYYYYYYYYYYYYYY 1259
Cc 6065 GCTCGATCTCTCAAC 6050

RESULT 8
ID PCT-US95-11934-98 STANDARD; DNA; UNC; 81 BP.
AC xxxxxx
DE Sequence 98, Application PC/TUS9511934
Cc Sequence 98, Application PC/TUS9511934
DE GENERAL INFORMATION:
Cc APPLICANT: Cytogen Corporation
Cc TITLE OF INVENTION: Antigen Binding Peptides (Abptides) From
Cc TITLE OF INVENTION: Peptide Libraries
Cc NUMBER OF SEQUENCES: 103
Cc CORRESPONDENCE ADDRESS:
Cc ADDRESSEE: Pennie & Edmonds
Cc STREET: 1155 Avenue of the Americas
Cc CITY: New York
Cc STATE: New York
Cc COUNTRY: USA
Cc ZIP: 10036
Cc COMPUTER READABLE FORM:
Cc MEDIUM TYPE: Floppy disk
Cc COMPUTER: IBM PC compatible
Cc OPERATING SYSTEM: PC-DOS/MS-DOS
Cc SOFTWARE: PatentIn Release #1.0, Version #1.30
Cc CURRENT APPLICATION DATA:
Cc APPLICATION NUMBER: PCT/US95/11934
Cc FILING DATE: 20-SEP-1995
Cc CLASSIFICATION:
Cc ATTORNEY/AGENT INFORMATION:
Cc NAME: Mistrock, S. Leslie
Cc REGISTRATION NUMBER: 18,872
Cc REFERENCE/DOCKET NUMBER: 1101-196-228
Cc TELECOMMUNICATION INFORMATION:
Cc TELEPHONE: (212) 790-9090
Cc TELEFAX: (212) 869-9741/8864
Cc TELEX: 66141 PENNIE
Cc INFORMATION FOR SEQ ID NO: 98:
Cc SEQUENCE CHARACTERISTICS:
Cc LENGTH: 81 base pairs
Cc TYPE: nucleic acid
Cc STRANDEDNESS: single
Cc TOPOLOGY: linear
Cc MOLECULE TYPE: DNA (genomic)
Cc SEQUENCE 81 BP; 6 A; 6 C; 4 G; 5 T; 60 OTHER.

Query Match 2.5%; Score 25; DB 4; Length 81;
Best Local Similarity 12.7%; Pred. NO. 5.71e-03; Indels 0; Gaps 0;
Matches 9; Conservative 19; Mismatches 43;

Db 3 TGTGCTGAGANNVNNVNNVNNVNNVNNVNNVNNVNNVNNVNNVNNVNNVNNVNNVNN 62
Cc 5733 TGTGCTGGAGATCGAGACCCACCCAGCCTGCTGCTGTGAGCACCCACCGAGTGCCTCC 5674
Db 63 NVNNVNNVNNNA 73
Cc 5673 TCCCATCGGA 5663

RESULT 9
ID PCT-US95-11934-92 STANDARD; DNA; UNC; 81 BP.
AC xxxxxx
DE Sequence 92, Application PC/TUS9511934
Cc Sequence 92, Application PC/TUS9511934
DE GENERAL INFORMATION:

```

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CC      APPLICANT: Cytogen Corporation
CC      TITLE OF INVENTION: Antigen Binding Peptides (Ablides) From
CC      TITLE OF INVENTION: Peptide Libraries
CC      NUMBER OF SEQUENCES: 103
CC      CORRESPONDENCE ADDRESS:
CC      ADDRESSEE: Pennie & Edmonds
CC      STREET: 1155 Avenue of the Americas
CC      CITY: New York
CC      STATE: New York
CC      COUNTRY: USA
CC      ZIP: 10036
CC      COMPUTER READABLE FORM:
CC      MEDIUM TYPE: Floppy disk
CC      COMPUTER: IBM PC compatible
CC      OPERATING SYSTEM: PC-DOS/MS-DOS
CC      SOFTWARE: Patentin Release #1.0, Version #1.30
CC      CURRENT APPLICATION DATA:
CC      APPLICATION NUMBER: PCT/US95/11934
CC      FILING DATE: 20-SEP-1995
CC      CLASSIFICATION:
CC      ATTORNEY/AGENT INFORMATION:
CC      NAME: Mistrock, S. Leslie
CC      REGISTRATION NUMBER: 18,872
CC      REFERENCE/DOCKET NUMBER: 1101-196-228
CC      TELECOMMUNICATION INFORMATION:
CC      TELEPHONE: (212) 790-9090
CC      TELEFAX: (212) 869-9741/8864
CC      TELEX: 66141 PENNIE
CC      INFORMATION FOR SEQ ID NO: 92:
CC      SEQUENCE CHARACTERISTICS:
CC      LENGTH: 81 base pairs
CC      TYPE: nucleic acid
CC      STRANDEDNESS: single
CC      TOPOLOGY: linear
CC      MOLECULE TYPE: DNA (genomic)
SQ      SEQUENCE 81 BP; 3 A; 5 C; 6 G; 4 T; 63 OTHER.

Query Match          2.5%; Score 25; DB 4; Length 81;
Best Local Similarity 12.3%; Pred.No. 5,71e-03;
Matches 9; Conservative 19; Mismatches 45; Indels 0; Caps 0;

Db    7 CTCGAGNNBNNBNBNNBNNBNNBNNBNNBNNBNNBNNBNNBNNBNNBN 66
      |||||
Cp    6351 CTGGCGCGGTCTCCCACTCATGAGGCCCTCGTGAGCTCGGCGTGAATGAGATGC 6292
      : : | | |
Db    67 BNBNNBNACGCC 79
      : : | | |
Cp    6291 TCGGATAAACCTC 6279

RESULT 10
ID US-08-273-846-1 STANDARD; DNA; UNC; 290 BP.
AC xxxxxx

DE Sequence 1, Application US/08273846
DE Sequence 1, Application US/08273846
DE Patent No. 5641863
CC GENERAL INFORMATION:
CC APPLICANT: SCHREIBER, ALAN D.
CC APPLICANT: PARK, JONG-GU
CC TITLE OF INVENTION: METHODS OF STIMULATING PHAGOCYTOSIS
CC NUMBER OF SEQUENCES: 7
CC CORRESPONDENCE ADDRESS:
CC ADDRESSEE: NIXON & VANDERHYTE P.C.
CC STREET: 1100 NORTH GLEBE ROAD
CC CITY: ARLINGTON
CC STATE: VIRGINIA
CC COUNTRY: U.S.A.
CC ZIP: 22201-4714
CC COMPUTER READABLE FORM:
CC MEDIUM TYPE: Floppy disk
CC COMPUTER: IBM PC compatible
CC OPERATING SYSTEM: PC-DOS/MS-DOS
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